The AzApple Journal

October, 1989
$2.75

Special Report:
AzBug
The All New Arizona Business User Group

AppleWorks Business Class Starts

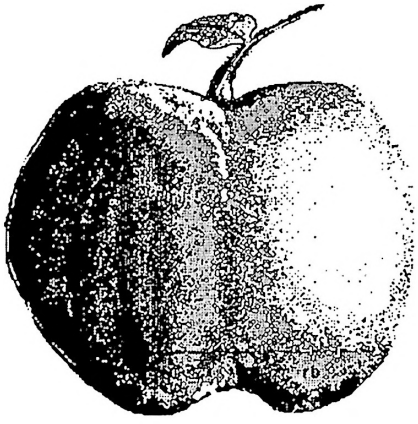
New Releases By Glen Bredon

Computer Learning Month

Special Interest Group News:
- *Music*
- *Publishing*
- *Apple gs*
- *Mac*

Access ASU Library From Your Living Room

Oct 14 Meeting
Schedule For 18 Free Classes
Program Announcement:
"Take It Off!"



Local User Groups Combine Strategies For Power

New Apple Mac Product Announcments

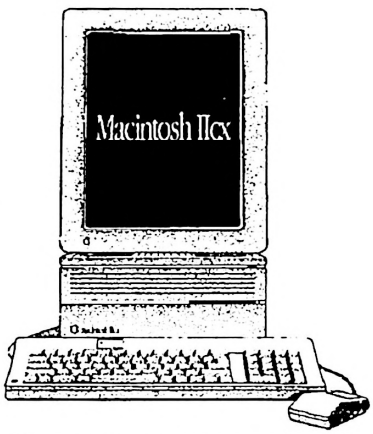
Apple...
A rounded fruit with firm white flesh and a seeded core.
Also: a conduit for human expression and productivity involving a contiguous stream of 1's and 0's.

Fender

America OnLine :
AppleLink Personal Edition Has New Face And Name

Vote for new Officers and Directors at Oct Meeting

Mac IIci & Mac IIcx



If productivity is your concern,

The Macintosh IIci and Mac IIcx are probably the most versatile and productive computers in the Apple computer family, offering the latest advances in technology. Each of them come with System Software 6.0.3, and Hypercard information management Toolkit. For productivity applications ranging from Desk-Top publishing to Engineering applications, we think that these are the best performers among personal computers.

Macintosh IIcx features 16 Mhz full 32-bit 68030 microprocessor with built-in Paged Memory Management Unit (PMMU), 68882 floating point coprocessor, three NuBus expansion slots, small footprint, Locking power switch, 1.4 Meg Apple FDHD, seven built-in ports, and a choice of monitors and hard drives.

Macintosh IIcx with **2Meg RAM**, AppleMonochrome **monitor,**
video card, 40 Meg Hard drive, and a standard Keyboard.....**$4399.**

Macintosh IIcx w/ **4 Meg RAM** , **AppleColor** Hi-Res RGB
or Apple monochrome **Portrait (full page)** monitor ,video card,
100 Meg hard drive, and a standard Keyboard.....**$5999.**

Macintosh IIci features 25MHz 68030 microprocessor. For Mac IIci system pricing, please add $1000 to the Mac IIcx system prices.

Add 6.7% Sales Tax. All prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

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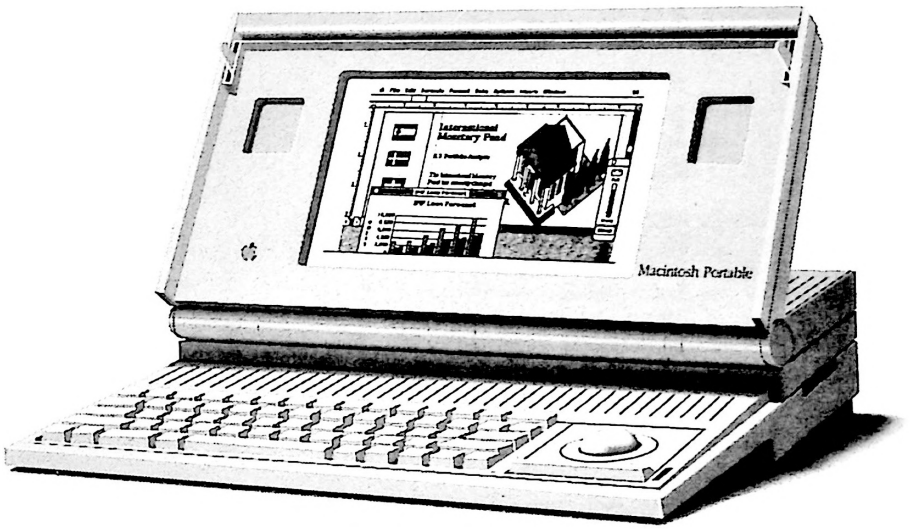
Phoenix AZ 85008

Phone: 602-955-1404

Authorized Dealer

September 21, 1989

New Macintosh Portable



The **Macintosh Portable** computer is ideal for users who want to take their work with them. Everything a user needs- CPU, screen, keyboard, pointing device, battery, FDHD 1400K 3.5" drive, hard drive- is integrated into a single, easy to carry package.

The **Macintosh Portable** computer offers complete Macintosh functionality and performance in an all-in-one portable design. It delivers all of the features that make Macintosh a Macintosh-point and click operation, high quality graphics, the ability to run thousands of consistent graphical Macintosh applications, standard Macintosh input and output capabilities, and built-in networking. Intelligent power management features allow the Macintosh portable to operate for **6 to 12 hours on a single battery charge.**

Specifications: Processor: CMOS 68000; **16 MHz** Static RAM: 1 Meg expandable to 2 Meg.
Internal Storage: **One 3.5" 1400K FDHD** superdrive, Optional 40 Meg 3.5" SCSI internal hard drive.
Screen: Active Matrix LCD (640X400 pixel bit-mapped display) Unlike some other prtables on the market, **the screen is remarkably responsive:** When you move the cursor, resize a window, or draw a graphic, the screen reacts instantly. Furthermore, you can easily read the screen of the **Macintosh Portable from almost any angle,** and in a wide range of lighting conditions.

Macintosh Portable with 1 FDHD and a 40 Meg internal Hard Drive....$5499

Note: Add 6.7% Sales Tax. Prices subject to change without notice.

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September 21, 1989

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Articles or advertisements submitted to the Editor of this Journal by the 1st of the month preceeding the date of publication will be considered for inclusion. AzApple reserves the right to edit all copy for space requirements.

Articles may be submitted for publication by sending them to one of the three AzApple Tree BBS.
8N1, 300/1200/2400
The Arizona Apple Tree
602-264-3800
Special Needs Apple Tree
602-468-1835
Macintosh Apple Tree
602-870-1810
and uploading them to the AzApple Journal Editor's Library.

You can also send your article on disk to: Editor, The Arizona Apple User Group, PO Box 34056, Phoenix, AZ 85067, or, bring an identified disk to the Editor at the next meeting. (Your disk will be returned at the following meeting.)

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The AzApple Journal format is 8.5 X 11 inches. Advertising rates are shown below. Contact the Advertising Manager for details. Specific locations and stuffer ad services are available on request, call for quotes. Camera ready ads or in Macintosh PICT,EPS, or TIFF format received by the Advertising Manager prior to the 1st of the month will appear in the following month's AzApple Journal. Call Jerry Cline - 602/992-7035.

Full page 8.0 X 10" (Max ad size) $60
3/4 page 40 - 60 Sq inches $50
1/2 page 20 - 40 Sq inches $40
1/4 page 7 - 20 Sq inches $30
All ads ust fit within a 10" high or 8" wide format
$10 off of the above prices for 12 consecutive prepaid ads.
Prepayment can be quarterly.
Business Card Ad $10/issue • 12 issues $100
Unclassified Ads:
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Non-members - 10¢/word - min $2.50

For up to the minute information information about the next AzApple meeting, call our

24 Hour InfoLine
602/277-8511

...for a voice recording of the latest class schedule and coming attractions:

Regular Meetings
...are the 2nd Saturday of each month at METRO TECH, on the Southwest corner of 19th Avenue and Thomas Road in Phoenix, guests are welcome.

AzApple Aides:
(See Center Section)
Members may make free use of this help service available from AzApple volunteers .

Software Library:
Apple II
Mel Goodwin - 943-1733

Macintosh
Mark Harris - 979-9230

A branch library of public domain disks is maintained at AzTech Computer, 4920 W Thunderbird Rd, Glendale, AZ.

Thanks to the following people for their regular and valued assistance in the production of The Journal:
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The Arizona Apple Users Group is a nonprofit Arizona Corporation, 501(C)(7). Started in 1978 and incorporated in 1981, AzApple is dedicated to the education and assistance for its members in the use of Apple computers and related products.

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The AzApple Journal

The Arizona Apple User Group

October, 1989 Volume 12, Number 8

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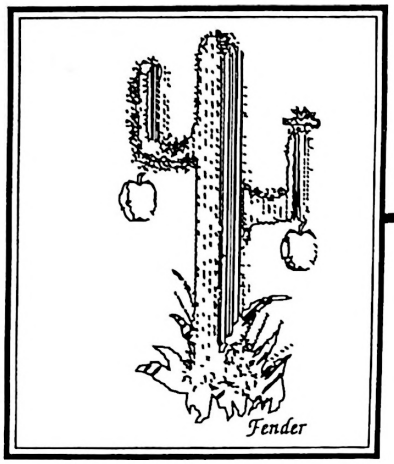
Working with other user groups through the
USER GROUP
CONNECTION



Clippings From TheApple Tree BBSs

Editors Note: This series is comprised of posts from the three AzApple BBSs. The opinions expressed here are those of the individuals named. AzApple does not endorse these opinions nor assume responsibility. They are published as a matter of public interest. Comments may be directed to Jerry Cline, Editor, or posted to the BBSs.

By Branch Manager, John Bohn

From =>JOHN BOHN (#157)
Date =>09/18/89 00:31:04

Here's a quick list of what's been happening with ProSel-16

Glen Bredon has been back from his summer vacation for just about two weeks, and the ProSel-16 updates are coming fast. Here's a quick overview of the activity in the **ProSel** support section on GEnie.

Version 7.1 was released before Glen left for the summer. It had problems with system disk 5.0 and files with resource forks. Backing up, restoring and optimizing hard drives with this version became an adventure.

Version 7.2 was the first post hiatus ProSel-16 release. Added features included a port of **Block Warden**, major improvements to backup and restore including optional error correction, an update mode in restore that restores files more recent on the back up disk than those on the hard drive, and backup can be told to ignore hidden files or certain filetypes.

InfoDesk has a new mode which is a graphic (super) version of mode 2. In fact you can toggle between the graphics and the text display. It also gives a "fragmentation index".

A **ParkHeads** on shutdown option was added as was support for all 33 GS/OS prefixes. Anti-viral protection was also added.

Whew, there were 120k of messages to go through, and not using the programs made sorting through them rather difficult. Ah, but it is for a good cause so here it is.

There is also an optional super-hires slide show that can be used instead of screen blank, or in addition to screen blank (falling into the blank at the end of a selectable number of repeats). You supply the slides (packed or unpacked SHR pictures).

The editor auto mode is now much faster when operated on a subdirectory, and it now alphabetizes the display.

There are many other little things, mainly in support of Dystem Disk 5.0, and some new command files, such as a command to load a SHR picture and one to pack such a picture.

The major problem with version 7.2 involved writing to the boot disk with the **Zap** program and after an optimization of the boot disk. Directory sorting also was a problem because System Disk 5.0 does not allow disk utilities to be performed on the boot volume.

Versions 7.3, 7.4, and the newly uploaded 7.5 (this past weekend) have continued to address the problems with the new GS System Software. A feature which allows inputting a device name at any device number prompt has also been added for allowing the access of devices over number 9.

...And that's the way it was, with ProSel-16, in mid September, 1989.

john...

This section is new and is a clip from the Apple Tree's "What's Cooking Branch" B19.

What's Cooking on The Apple Tree BBS?

by Branch Manager *Don Davidson*

B19 AzApple Post Numb => 50 of 87
Sub =>Mrs. Fields Cookies/STONER
From =>GAIL STONER (#233)
Date =>07/05/89 11:17:16

Mrs. Fields Cookies
TO : Everyone
FROM: GAIL STONER
RE: Mrs. Fields Cookies

A women from the American Bar Association called Mrs. Field's Cookies and asked for the recipe. She was told there was a "two-fifty charge for the recipe. She assumed it was $2.50 and charged it to her Visa. When she received her statement she discovered that it was indeed 'two-fifty"; Two HUNDRED and fifty dollars. In order to get her money's worth she is passing the recipe to EVERYONE. Make a copy and give it to a friends with her blessing.

Computer Chip Cookies

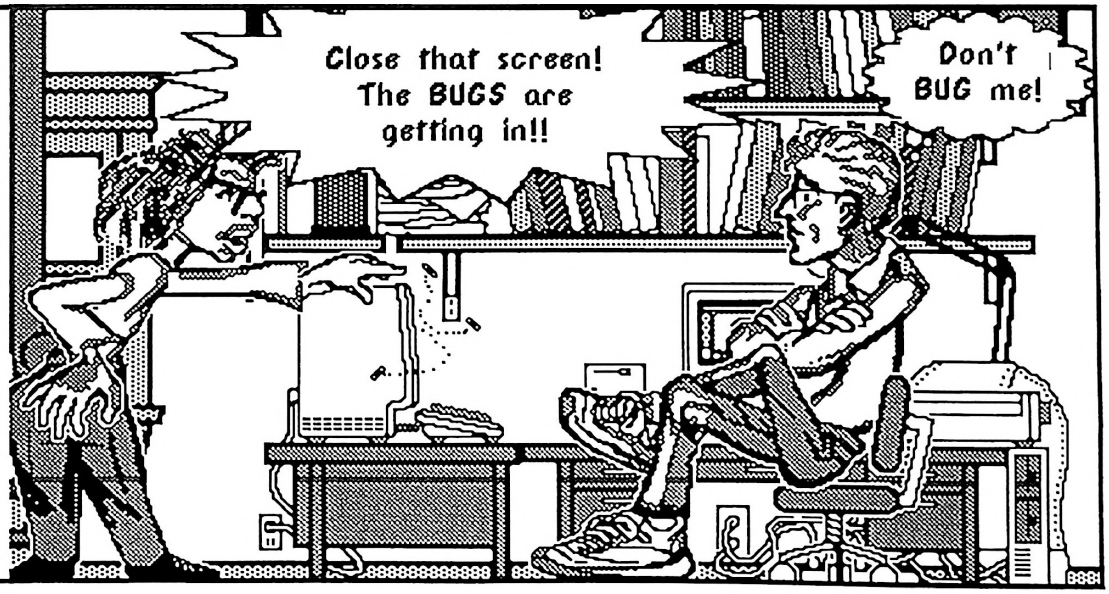
Cream together:
2 cups butter
2 cups sugar
2 cups brown sugar
Add:
4 eggs
tsp. vanilla
Mix together:
4 cups flour
5 cups oatmeal
put small amounts into blender till it turns to powder)
Measure first, then blend:
1 tsp. salt
2 tsp. baking powder
2 tsp. baking soda
Mix all ingredients together and add a 24 Oz. bag of chocolate, one 8 oz. Hershey bar (grated), and/or 3 cups chopped nuts. Bake on a ungreased cookie sheet. Bake golf ball-size cookie, place 2 inches apart and bake at 3750 for 15 minutes.

This recipe makes 112 cookies. Note: Flatten cookies before baking.

I've heard different versions of this story and have seen the recipe in other places. I can't vouch for the story being true, but I can say we've never made a better batch of cookies than this recipe!
Jerry Cline

This cartoon is by Derek Cline using an original idea and: The Comic Factory by Foundation Publlishing.

Do you have ideas for cartoons? Call Derek and let him do the art. 992-7035



Computer Learning Month®

THE OFFICIAL PUBLICATION OF THE COMPUTER LEARNING FOUNDATION®

What is the Computer Learning Foundation & Why a Computer Learning Month?

Developing computer competency among our youth is critical to the future of Canada, the United States and our children. It can play a major role in maintaining our competitive edge and in addressing major concerns of literacy, school dropouts and job training. Technology also offers powerful benefits to children today and their futures. Increasingly, people are being required to use computers and software at work. By the year 2010, when our children are in the prime of their careers, experts predict all jobs will require some use of technology.

Millions of children, however, are not yet receiving the full benefits of technology, as confirmed by a recent study by the National Assessment of Educational Progress, funded by the U.S. Department of Education. While many children are being exposed to computers in school, in most cases, the depth of their experiences is severely limited. On average, there is only one computer to every 30 students, and often there are far less. A recent study by the Office of Technology Assessment, *Power On*, also revealed that almost two-thirds of our teachers have received less than 10 hours of training about computers. As our teachers and parents did not grow up with computers, they both need help understanding the benefits computers and software offer their children and ways to provide them with meaningful computer experiences.

The Computer Learning Foundation is a non-profit educational foundation serving the United States and Canada. While our overall goal is to increase the number of people receiving the benefits of technology, our primary focus is on developing computer competency among our youth. To achieve our goal, we provide numerous programs and materials that provide parents and teachers with the information and resources they need to assist our children.

The computer competency the Computer Learning Foundation is striving for is of far greater significance than learning to program. Computers and software are means to an end, not ends in themselves. We encourage parents and teachers to consider computers and software as tools for assisting children, just like a dictionary, a pencil or a calculator, and not as an isolated activity. We need to integrate children's experiences with computers into other activities in their lives -- writing papers, learning history or math, creating pictures, doing home projects and the like.

Every October, the Computer Learning Foundation hosts Computer Learning Month, a month-long focus of events and activities for learning new uses of computers and software, sharing ideas and helping others gain the benefits of computers and software. While Computer Learning Foundation materials are available all year, new ones are released each year for Computer Learning Month. We offer numerous books and programs to help parents and teachers gain the information they need. For parents, we offer three books. For teachers, we offer numerous lesson plan materials, teacher training workshops at major educational conferences and a weekly television series, *School Vision*, on public broadcasting stations. We also offer materials to assist people hosting local Computer Learning events. In addition, we host numerous contests to recognize students, educators and parents for their innovative ideas. Thousands of dollars worth of computers and software are awarded to winning entries. These ideas and innovative programs are disseminated to the public the following year.

You're not alone if gaining the benefits of technology for yourself and your children seems overwhelming and you don't know where to begin. You're not alone if you are using a computer, yet feel you're not receiving its full benefits. Millions of people are just like you. That's why the Computer Learning Foundation exists and what Computer Learning Month is all about.

We invite you to participate in Computer Learning Month this year. Experience the benefits of computers for yourself, and share these experiences with your children. Together, discover the magic of computers and software as tools -- for research, creativity, communications, productivity, learning and entertainment. As you help your kids key into computers, *You Won't Believe What You'll Achieve!*

Sally Bowman
Director

The Official Publication of the Computer Learning Foundation®

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AppleWorks Business Class using the database as a to calculate payroll

AppleWorks Biz Class

By Barbara Hunter

AzApple Offers First Full Length Apple // Business Course

A course in using Appleworks in the business world will have it's first class on October 14th at 2:30 P.M. in room 2205 of the Metro Tech facility.

This course is different from the usual classes in that an entire program of study will be presented over the period of several months in a traditional textbook/classroom fashion.

Students wishing to take the course must arrive for the first session, and sign-up for the entire course. Persons looking for general help with Appleworks should look at the non-specific Appleworks classes which are also held on the same day.

Barbara Hunter, the instructor for "Appleworks in Business" defines the scope of the course as:

"...AppleWorks Business Class using the database as a program to calclate payroll when employees do not necessarily do work the same hours consistently each week.

And the course outline as:"

"The course will be a hands-on session (where) each person will have their own computer. The course will probably be 2 or 3 sessions and homework will be involved. Each session will include setting up the program, getting in the formulas, & understanding the differences in using a data base rather than a spreadsheet.

Each student will need their own copy of Appleworks (classic-versions 2.0,2.1, or 3.0), plus 2 blank formatted (5.25")disks, plus employee records for first quarter of the year."
To take the course must arrive for the first session, and sign-up for the entire course. Persons looking for general help with Appleworks should look at the non-specific Appleworks classes which are also held on the same day.

AppleLink - Personal Edition News Release

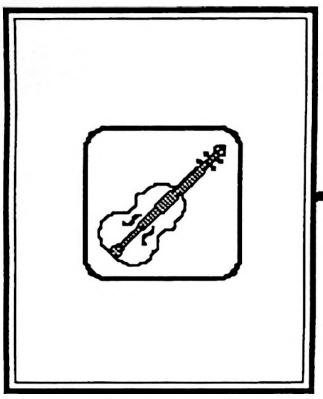
Pardon Us -- We're "Under Construction"

During the next few weeks, you'll notice some exciting changes coming to AppleLink - Personal Edition. As of September 15, AppleLink has a new name, lower hourly connect fees, and a new menu structure.

There will be a brief period where some areas online will be in transition, and we ask for your patience while we're "under constrction." As part of these changes, we'll be sending you new FREE software in October.

In the meantime, get online to find our what all the excitement's about! And take advantage of an immediate reduction in the price you pay to enjoy service offerings.

Leave me a note while you are visiting.
Jerry Cline -- (AFL JCline), User Group Forum Leader



SIG A Tune

by Paula Peterson

MUSIC SIG

A big THANKS to Apple and The User Group Connection for donating music hardware and software to get our Music SIG going!

These products are available to AZ Apple members to check out at no charge. If you are interested in checking out any of the products, please contact me at the Saturday Az Apple meetings (Music Special Interest Group) or call me at 866-1650. A waiting list is available. The computer products are available for purchase from Steve Playford at Az Tech Computer, 938-1160. I will be working hard this year on adding to our library.

This extraordinaryu gift list consists of the following:

CASIO HT-700: MIDI Keyboard - 49 keys
- 8-note polyphonic
- 20 Preset Upper Voices
- 20 Internal Upper Voices
- 20 Preset Auto-Rhythm
- 10 Internal Auto-Rhythm
- Built in Speakers
- AC/DC Power Source

APPLE MIDI INTERFACE: Apple IIGS or Macintosh Connects your Macintosh or Apple IIGS computer to any MIDI device (keyboard, rhythm machine, etc.). Plugs into the serial port of your computer. Includes MIDI cables.

SOUND DESIGNER: Digidesign, Inc. $395-$495
Requires 512K or larger Macintosh; 800K disk drive; MIDIinterface; compatible synthesizer.

A waveform editing/digital signal processing software program. Includes graphic displays of up to 3 waveforms, crossfade looping, complex frequency analysis, digital equalization, comprehensive waveform editing, and digital mixing and merging of sounds. Works with Akai S99, S700 and X7000; Casio FZ-1; Dynacord Add-1; E-mu Emulator II, Emax and SP-1200; Oberheim DPX-1; Ensoniq Mirage/Multisampler; Korg DSS-1; Roland S-10, S-50, S-550 and MKS-100; Sequential Prophet 2000-2002;and any sampler comforming to the MIDI Sample Dump Standard.

EDITOR/LIBRARIAN: Opcode Systems $150-$250
Requires 512K or larger Macintosh; SE or II; MIDI Interface; Ensoniq ESQ-1.

Simplifies the editing, storage, and management of large number of voices for many popular synthesizers. Uses the Macintosh interface to display the waveforms, tunings, envelopes and other parameters unique to each synthesizer. You can change any parameter via the mouse. Every time a parameter is changed, you can play an example sequence using the built-in sequencer. You can store thousands of sound patches on a single disk and easily copy patches from one file to another.
Synthesizers supported include: Yamaha DX/TX, Yamaha DX7II, Yamaha TX81Z, Yamaha FB-01, Casio CZ, Oberheim Matrix 6, Akai MPX820 Mixer, Kawai K-3, Ensoniq ESQ-1 and Roland D-50.

SUPERSONIC DIGITIZER: MDIdeas, Inc. $59.95
Requires Apple IIGS; stereo software; Supersonic Stereo Card. *Paula*

For Sale

128K Apple IIc with built-in 5.25" drive
Complete with the following:

Apple IIc monitor with IIc stand (green screen)
Second 5.25" drive
Apple Joystick
Apple Mouse includes original manual and software
Applied Engineering System Clock, includes original manual and software IIc to Imagewriter printer cable (printer NOT included)
Apple Cordura Carrying Case
CPU and Monitor one piece cover
All cords and cables needed for hookup

Original IIc software....IIc System Utilities, An Intro to the IIc, Apple at Play, Getting Down to Basic, Apple at Work, Exploring Apple Logo, The Inside Story.

Original IIc manuals....Setting Up Your IIc, Monitor IIc Users Manual, System Utilities, Apple Presents the IIc - An Interactive Owners Guide.

Additional IIc manuals include: Apple IIc User Guide written by Gary Phillips and Donald Scellato, and also The Apple IIc Reference Manual...Volumes 1 and 2 written by Apple Computer Inc.

This is a complete set-up (except printer) for anyone interested in moving up from the Apple II or II+, or for someone in need of a second computer, for the low asking price of $550.00

For more information or to make an offer, contact:
Wayne Wilcoxon
AzApple Tree User #274
or Call 602/39-0736

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Macintosh Hands On

Macintosh Hands On is the premier HyperCard magazine. Every issue features original stacks for managing your personal finances, tracking your investments, desktop publishing your documents, educating your children, or just having fun. The stacks are also available on disk.

Macintosh Hands On articles show you how HyperCard stacks work and give you step-by-step instructions for entering them into your Macintosh. You'll even learn how to create your own stacks.

Macintosh Hands On is also loaded with tips, secrets, and shortcuts for making commercial programs really perform—programs like Excel, Word, PageMaker, XPress, and others. The magazine is a hands-on learning experience, a journey of discovery that will inform and delight you every month.

FEATURES

- HyperCard and BASIC applications: Ready to run in every issue
- Working Smarter: Hands-on applications and tips for using popular commercial programs, such as Word, Excel, PageMaker, XPress, and many more
- Your First Stack: Starter stacks for new HyperCard users
- Editor's Spotlight: Reviews of the hottest new products for your Macintosh

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Now in our 4th year of publication

Genealogy SIG Forming

by Jack Fouquette

Seven AzApple members met at the September meeting to inaugurate a Special Interest Group (SIG) for genealogy. We expect to meet, probably during one of the class periods at the monthly meetings, to discuss such topics as genealogical software and its use, tips on how to trace your family roots, sources of information and how to tap them, etc.

We welcome anyone else that would like to participate. We will also have a new branch (B52) of the AppleTree for use of this SIG. If you would like to have more information as this develops, call Bob McKee (945-2964), or leave a post on the new genealogy branch of the Apple Tree BBS.

Other Apple Computer Club Announcements

User Groups Working Together

The Sun City West Computer Club announces a new meeting date in a strategic move to combine the powers of their group with The Arizona zApple User Group to help attract vendors into the area .

Gerry Upton from Sun City West announced that he and John Wells have made arrangements at Sun City West to change their meeting date to the Friday before our meeting. Also, in talking with Dr David Scott, of Sun City, I found that mailings to Apple owners in notification of these meetings could also include Sun City. This is a major achievment as it will make it much easier to get major vendors to the Phoenix area for demonstrations because when we make the pitch to the vendor, we can prove that the trip will be much more worth their while with the additional group visits. The vendor can plan an extra day to visit our west valley neighbors and then make the AzApple meeting the following day.

In addition, Gerry Upton announced that Sun City West will be giving a special grand opening of their all new computer facility at Beardsly Recreation Center. The date is October 26th , 10AM - 2PM. If you have any questions on any of this, call Gerry at 584-6900.

Congratulations to Sun City West, some very nice neighbors!

Quick Notes About AppleFest

The highlight of AppleFest was Roger Wagner's HyperStudio and their module showing all of AppleFest, with a description of every vendor working with a touch screen, Apple GS, Sider hard drive and Pioneer Laser disk. It was spectacular. Roger said there was a good chance that it would be at AppleFiesta '90.

The Apple devlopers have formed a Board of Directors and are looking for anyone interested in Apple // development. I attended one meeting on Sunday morning at 10 AM to see what they were up to and to what degree they were being sucessful and I was impressed! If you want more information, call me - Jerry Cline - 992-7035.

Apple Fiesta

Apple Fiesta is certainly alive and well around the Apple circuits. I went to Boston to spread the word about Apple Fiesta but did not have to do a lot of explaining, as most everyone I spoke to, was aware of our show.

This next year's show will be at The Tempe Mission Palms, a Sheraton Hotel. The facility is beautiful with real class, much, more than the Safari. Next year's show will be almost twice as big. with fifty exhibitors instead of thirty-five, but the area is MUCH bigger and with classroom space which is convenient. By comparison, the Mission Palms is spacious and majestic laid out much more conveniently for a show of this magnitude.

Apple Fiesta Committee Meetings need you! The Apple Fiesta Committee is well on it's way to getting the 1990 show organized. Regular meetings are set up and you are not only welcome, you are invited to get involved. This is a happening and it is fun, come and work with us! We meet on the fourth Saturday of the month at the French Corner Cafe on the corner of Camelback and Central at 8 AM.and you are welcome to join us!

Special

I was able to buy several of my all time favorite modems, the Epic Mini 2400 baud external modems, the same modem used on The Arizona Apple Tree BBS.

Fully hayes compatible and gauranteed for one year.

$125

(While supplies last)

Jerry Cline 992-7035

Announcing
The Arizona Business User Group
AzBUG

Another major undertaking The Arizona Apple User Group is getting involved with is a Special Interest Group (SIG) for business. This group will be referred to as The Arizona Business User Group (AzBUG). Meetings for business interested computer users will be getting started in October. The meetings for this group will be during weekday business hours and the purpose of the group is to provide a significant computer resource to the business world since the user group community is well equipped to offer it. Special presentations from hardware and software vendors relating to business level use will be given at the monthly meetings, but the real scope of interest is a platform for the business user to meet people and exchange information.

AzBUG will explore today's business topics such as Desktop Presentations, the role of the spreadsheet as a tool for information management, publishing and technical illustration. AzBug will also become a network for industry needs and the community resources such as employment needs, public domain and shareware products, upgrade paths for older equipment, training and consulting services available to the business community. For more information about the meeting or if you would like to get involved with the organization of AzBUG, call the AzApple InfoLine 277-8511 and leave a message and we will get back to you.

Craig White is a resource that AzApple has gained a lot from and would be hard pressed to to be without. He was the seed crystal the AzApple/ Mac interests needed to form around. Craig was a guru of Apple // and left a gap when his internal compass needle swung to Mac. But the loss, as far at the total group interests were concerned was soon to be recognized as a gain and the start up for the Mac was clearly apparent. Now Craig is clearly involved in the Mac leadership of AzApple and in my opinion, there could not be a better choice. He is knowledgeable, and talented and totally willing to share that talent with others.

Highlights from
AzApple Board Meeting Minutes

AzApple Board Meeting
Flight Review
Air Commerce Center
Scottsdale, Arizona
September 15, 1989
Paula Peterson, Secretary

The meeting started at 7:08pm with President Jerry Cline acting for Craig White, chairman of the Board (late arrival). Present were: President Jerry Cline, Vice-President Craig White, Secretary Paula Peterson, , Directors Bob Smith, Mike Dennis, Jack Upfal and members Diane Kinsman, Wayne Wilcoxon and Terri Wilcoxen. Officers missing were Treasurer Barbara Hunter, George Anderson, Barry Prowell, Jack Fouquette, Steve Playford.

New Brochure: Jerry Cline presented the new brochure. Simple with a lot of information. The cost is $ .06/two sided each . Will print small amounts,1000 at a time, & Jerry will make any corrections and updates as needed.

Metro Tech: Cost of $2880 for 9 months of use. Received a credit of $160.00 for August of 1989.

The lecture hall was the only room available to us for the September meeting. We need to review contracts for Fall of 1990 in May of 1990 to avoid any problems. Room 2205 is given to us at no charge. Room 2221 is not useful to us, we will try to get another room, possibly 2235. There are some problems in the verbage in our new contract for Metro Tech. Jerry Cline made the appropriate changes and the contract will be returned by Craig White. Our contract specifically states, "no food or drinks in the lecture hall" so we will be enforcing that during our classes and meeting.

Appleworks 3.0: Jerry will post membership on Filemaker II so Officers and Board members who have Appleworks 3.0 can have access to that file.

August minutes: Jerry Cline made a motion to accept the August minutes as posted. Bob Smith seconded the motion. Motion carried.

Financial Report: sent by Barbara Hunter, Treasurer and given by Jerry Cline. Balance as of 9/15/89 is $1933.00. Bills due are phone: $51.85 and $670.00 for September Journal. Around $500.00 is for the Special Needs computer fund. There will be 2 more deposits this week, $716.00 and $220.00. Barbara would like to run for treasurer again but the distance is a problem. We would like Barbara to continue her active involvement with AzApple. Mike Dennis made a motion to accept the Financial Report as posted. Bob Smith seconded the motion. Motion carried.

Saturday Meeting/Classes: Diane Kinsman will be taking over raffle table for Paula Peterson. Will open at 8:00 am. Katy Sullivan cancelled as speaker for Oct. meeting. We will have a "Take it Off" mini clinic session instead. Stripped down computers, installing fans, cleaning disk drives, disassembling computers etc... Suggested: Jerry Cline, SE; Craig White, Plus; Jack Upfal, GS; Dave Munter, IIe; and Bob Smith, Disk 2. Bob Smith is handling class schedules. His assistants are Harold Haskins and Matt Stoner.
Bob will have a sign up sheet in each class so we will know how many people attend each class . Bob would like to see AzApple eventually buy their own computers so people won't have to bring their own. Not affordable yet. Jerry will start an AzApple Jounal/Pagemaker class (SIG).

Absentee Ballot: George Anderson made up the absentee ballot sheet. Jerry needs the biographies for members running for office to be included in the Absentee Ballot to be mailed later this week.

Official Apple Inc., file: Jerry submitted the following people and SIGS:
AzBUG: Craig White
GS GROUP: Matt Stoner;
MUSIC SIG: Paula Peterson
FIESTA: Jack Upfal

Board meeting: Jerry would like to have an evening locked in for the board meetings for the next year. Will decide at the next Board meeting when the new officers are elected. Bob Smith would like to see a motion made concerning Board of Directors not showing up to meetings. Jerry Cline suggested we table the discussion so we can first examine the by-laws concerning that issue.
Fiesta: Jack Upfal, Fiesta

A Special Thanks

To Special Members

Oscar Daum and Don Stevens assisted Barry Prowell's Special Needs Program with donations.

Oscar donated a 20 meg Sider hard drive and Don donated an Okidata u92 printer.

AzApple memberships have been extended for both Oscar and Don -- Thanks!

Chaiman. Jack reports that Fiesta has $1300 in cash and $1300 in receivables. Seed money will not be needed next year. Will be using Dollars and Sense this year and will budget money so everything spent and received can be tracked.

Journal: Jerry Cline, editor. Computer Learning month will be in next issue to coincide with Oct. meeting/classes (what computers are made of). Currently has 24 pages finished, has ads ready and has redone the shell. Would like input on visuals when Journal comes out.

Membership: AzApple will give Oscar Daun a year's membership for donating a 20meg sider to Special needs bulletin board. AzApple will give Don Stevens 6 months of membership for donating as Okidata 92 printer to Special Needs bulletin Board.

Music SIG: Paula will be sending out flyers advertising AZApple and Music SIG to musi teachers in the Valley.

PD Library: $3.00/disk. Will run special on 5.25 disks at Oct. meeting only. $2.00/disk MacWorld/Boston: Jack made a motion that Fiesta reimburse President Jerry Cline $142.50 and the general fund reimburse President Jerry Cline $142.50 to subsidize Jerry's trip. Mike Dennis seconded the motion. Motion carried.

AppleFest: President Jerry Cline and Fiesta Chairman Jack Upfal will be attending. Jerry Cline made a motion that we draw from the Fiesta fund, $100.00, for the purpose of reimbursement of Applefest. Bob Smith amended the motion: Jack be given $100.00 and past Fiesta Chairman, Barbara Hunter be given $100.00 for reimbursement for AppleFest last year. Motion carried. Board of Directors will need copies of receipts from Jerry Cline, Jack Upfal and Barbara Hunter.

Special Needs: Received the afore mentioned 20meg Sider and Okidata printer from members. $500.00 in computer fund. Jerry would like to see the Special Needs Bulletin Board get a MacIntosh because many special needs users are Mac users and we need to be able to develop and be familiar with expertise using that product.

AZBUG: Craig White is making arrangements to have several people involved in organizing this group.

Apple Convention: South Mountain Pointe (we are sharing a booth with another vendor) Craig will set up on Thursday. Will need help to man the booth.

Motion was made for adjournments by Paula Peterson and seconded by Bob Smith. Motion carried and meeting was adjourned at 10:09 pm.

Respectfully submitted - Paula Peterson, Secretary

A Smaller Byte Of An Apple

by Derek Cline - Age 13

Space Quest, Chapter II
Vohauls Revenge
Mac/Apple GS
By-Sierra On line
Price $39.95

Space Quest II is better and more suspensful than the first veerion. Personally I think that this game is more for the adult, because there are some very difficult things to do, such as when you land on the planet near the beginning of the game you have to untie a little creature from a hunters trap so later in the game these creatures praise you and help you. The way I found that out is on the Arizona Apple Tree on L6 there is a help form (or you could call it a cheat form).

There are many parts in the game where you think you are in big trouble, and you might as well shut the computer off before you get killed, just to save yourself from being embarassed. These are "don't panic" situations, just tough it out and you might just win, and save the world. For example, in the middle of the game when you get out of the swamp and across the canyon you will hopefully get traped by a snare and think well I ought to turn off the game and start over because you're probably dead anyway, you don't have to. If you did everything right, and you DO everything right, you'll be fine.

The people who wrote this game were very intelligent. The are parts in Space Quest II that you really have to think hard about what to do. Like when you get to the canyon the will be no bridge, no crossing, and you don't have anything that will help you, but there is something on the screen that will help you a great deal. I won't tell you how but I will give you a hint, trees do make good bridges. There are a lot of other places in the game that are this way.

Space Quest II is a very fun game in my opinion. I think it would be much better, and much more fun if I didn't have the cheat form, It would take a long while and a very frustrating time to finish but it would be much more fun, because I would had have to use my own skills to finish it.

dc...

DEREK'S TOP TEN...

I'll be reviewing games for the Apple// & Mac computers and organizing a top ten list every month. If you have anything you would like me to consider, please call:
Derek Cline, 3035 East Topaz Circle, Phoenix, AZ 85028, 602 992-7035 -or- leave E-Mail on The Arizona Apple Tree - user #90

The **RANK** scale reflects how I feel about the game overall. NO game can get a complete 10 points unless the graphics, sound, and action is SUPER!... For the last and final point, it must be able to be installed on my hard disk WITHOUT the need of a key disk.

Gradings:
1)Super, 2)Good, 3)Fair, 4)Poor

Notes:

"Alien Mind" & "Skate or Die" will not work with an Apple 3.5" UniDisk, they only work on a Apple 3.5" drive .

	Graphics	Sound	Action	Rank
1. Beyond Dark Castle - Silicon Beach	1	1	1	10
2. Final Assault - Epyx (IIgs)	2+	2+	2	9
3. Space Quest II - Sierra (Mac)	1	1	2	8
4. Tetris - (Mac and IIgs)	1	1	3	8
5. Skate or Die-Electronic Arts (IIgs)	1	2+	2	8
6. California Games - Epyx (IIe, IIgs)	1	1	2	7+
7. Ultima Trilogy-Origin (IIe)	1	1	2	7
8. Police Quest-Sierra (Mac and IIgs)	1	1	2+	7
9. Shufflepuck Cafe-Bruderbund (Mac)	1	2+	2	7
10 Man Hunter New York-Sierra (IIgs)	2	1	3	6

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Information From Arizona's Best...

AzApple Aides

As an added value to your AzAppl;e membership, this is a list of people you can call when you are in need of assistance. AzApple Aides is a list of members who are not necessarily experts, although some are, on the item for which they are listed. They use or have had some experiance with the item listed, are familiar with it and may be able to help you through a problem with new software, printer, or whatever. Or, if you are considering a new purchase, you might want to check details with these users. These people are UN-paid volunteers. The phone given is generally their home number, so call at a reasonable and appropriate hour and be considerate of their time.

APPLE // SPECIFIC

ACCOUNTING/FINANCIAL

Dollars & Sense	Brian Abraham	938-7258
Home Accountant	Don Ascoli	839-3267
On Balance	Jerry Cline	992-7035
Mngng Your Money	Ken Vatz	1-312-441-7311

COMMUNICATIONS//MODEMS

	Jim Lewis	979-2060
CompuServe	Steve Playford	843-8420
GEnie		
Modems	Jerry Cline	992-7035
	Steve Playford	843-8420
	Bob Smith	247-9598
ProTERM	John Kemper	966-5802
	Jerry Cline	992-7035
	Steve Playford	843-8420

DATA BASE PACKAGES

AppleWorks	Jerry Cline	992-7035
	Jim Lewis	979-2060
dBASE II	Gene Holmerud-Nye	243-6136
General Manager	Al Coir	846-7402
List Handler	Bob McKee	945-2964
Magic Office System	Bob McKee	945-2964

DISK DRIVES

5-1/4" Floppy	Jerry Cline	992-7035
Sider Hard Drive	Jerry Cline	992-7035

GRAPHICS

DazzleDraw	Neill McDill	996-2516
Draw Plus	William Bahrt	933-5872
General	Clayburn Juniel	274-6905

GENEALOGY

Family Roots	Bob McKee	945-2964

MUSIC

Music Writer Pro	Dave Freiberg	345-8259
	Paula Peterson	866-1650

LANGUAGES/PROGRAMMING

Assembly (6502)	Don Lancaster	1-428-4073
	Clayburn Juniel	274-6905
BASIC	Bob Smith	247-9598
Fortran	Brent Gifford	486-1938
Pascal	Neil Rosen	968-7616
PostScript	Don Lancaster	1-428-4073
SuperPilot	Pete Lafford	345-0515

Printer Interfaces

Apple Dumpling	Don Ascoli	839-3267

BEAGLE BUDDIES

	David Blackwell	892-4240
	John Bohn	955-8543
	David Fein	993-3038
	David Scott	977-2433

PERIPHERALS, HARDWARE

General Hardware	Bob Smith	247-9598
Koala Pad	Ron LaMee	992-83095
Shufflebuffer	Jack Fouquette	949-002

SPREADSHEETS

Magi-/Ace-/IAC-Calc(= The Spreadsheet)		
	Bob McKee	945-2964
SuperCalc3a	Neill McDill	996-2516

TAX PROGRAMS

Tax Advantage	Bob McKee	945-2964

UTILITIES & ACCESSORIES

PUBLIC DOMAIN LIBRARY

Macintosh	Mark Harris	566-8488
Apple II	Mel Goodwin	943-1733
	Wayne Wilcoon	439-0736

WORD PROCESSORS, SPELLERS, ETC..

AppleWriter II, e	Jerry Cline	992-7035
	Don Lancaster	1-428-4073
	Neill McDill	996-2516
ApMail II	Bob McKee	945-2964
AutoWorks	John Bohn	955-8543
Bank Street Writer	Jo Walker	488-3168
Benchmark	Nancy Siefer	941-8827
Gutenberg	H. Ablin (Flagstaff)	1-526-1001
Lexicheck	Brent Gifford	486-1938
Magic Window (II,e)	Jack Fouquette	949-0027
MouseWrite	Neill McDill	996-2516
ProTERM	Jerry Cline	992-7035
Word Juggler	Brent Gifford	486-1938
WordStar	Steve Schiefelbein	862-4217

OPERATING SYSTEMS

CP/M	Gene Holmerud-Nye	243-6136
DOS 3.3	Clayburn Juniel	274-6905
ProDOS	Clayburn Juniel	274-6905
	Jerry Cline	992-7035
	Bob Smith	247-9598

PRINTERS

Dot Matrix

ImageWriter	Jerry Cline	992-7035
Epson FX	Gary Jacobson	831-7785
Epson RX	Jack Fouquette	949-0027
Okidata	Don Ascoli	839-3267
ProWriter	Willie Zunker	943-0308

Daisywheel (Letter Quality)

Star Powertype	Jack Fouquette	949-0027

Laser Printers

LaserWriter	Don Lancaster	1-428-4073
	Craig White	271-4422

MACINTOSH SPECIFIC

BUSINESS SOLUTIONS

	Craig White	271-4422
	Andy Niemic	971-4011
Managing your Money	Dennis Smith	User #54, Tree
MacProject	Dennis Smith	User #54, Tree

COMMUNICATIONS

BBS	Jerry Cline	992-7035
Red Ryder	Robert Swiersk	894-1390

DESK ACCESSORIES / Utilities

	Craig White	271-4422

DESKTOP PUBLISHING

PageMaker	Craig White	271-4422
	Ron LaMee	992-8309
	George Anderson	895-6710
	Andy Niemic	971-4011

GRAPHICS

MacDraw	Craig White	271-4422
MacPaint	Craig White	271-4422
SuperPaint	Ron LaMee	992-8309
	George Anderson	895-6710
Adobe Illustrator	Craig White	271-4422
	George Anderson	895-6710
Freehand 2.0	Andy Niemic	971-4011
	George Anderson	895-6710

HYPERCARD

	Robert Swierski	894-1390
	Craig White	271-4422

IMAGE PROCESSING

ImageStudio	George Anderson	895-6710

MUSIC

	Paula Peterson	866-1650

DATABASES

4th Dimension	Steve Playford	

SCANNERS

Dest Scanner	George Anderson	895-6710
Apple Scanner	Richard Artus	492-9320

SYSTEM/FINDER

	Craig White	271-4422

WORD PROCESSORS, SPELLERS

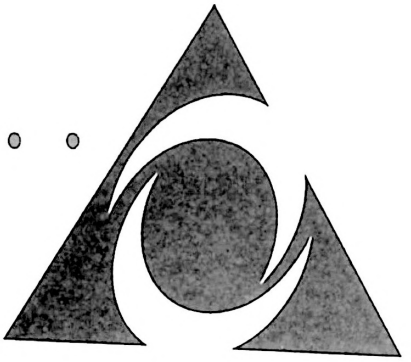
WriteNow	Joe Tvedt	870-1810
Word (Microsoft)	Ron LaMee	992-8309
	Dennis Smith	User #54, Tree
Coach Professional	George Anderson	895-6710
MacWrite	Craig White	271-4422

NOTICE: We really need your help as an AzApple Aide!

Help us to help others. What related favorite areas could you assist with.

Also, if you see an area NOT listed... ask, we'll see if we can find some expertise for you!

Introducing . . .



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A Byte of My Apple

by Jerry Cline, President AzApple

Changes

By now, many of you have heard that I am once again self employed and working at home, just as I had done from 1975-88. For the past 18 months, I have been employed at AzTech Computer as a salesperson. I enjoyed the work, met a lot of people, made a lot of friends and learned things I would not have had a chance to do any other way. Steve Playford still owns and manages AzTech and will be working with club members just as he has in the past. I enjoyed the opportunity of being able to experience that environment and I certainly have a fresh viewpoint and perspective on the struggles of the retail computer environment.

I will, again, be designing and manufacturing custom jewelry here in my studio at home. But being so totally addicted to the computer as I am, I will also be doing consulting, and page layout work, along with some free-lance writing even publishing and some training classes on ProDOS, telecommunication, and the use of Apple and Macintosh computers in general. So, if you feel I can assist you with private or group tutoring, I'm available, just call me at my studio... 992-5515.

I have also decided to be the Editor of The AzApple Journal for a while.

This job is always one that I have had a desire for, but never had the expertise or equipment to handle to my satisfaction until now. I am excited about the challenge but I also look forward to getting assistance from those of you who would enjoy being involved with the different phases of production of The Journal.

Actually, I have been involved in some aspect of getting The Journal out since I first started with the group five years ago. Starting with labeling meetings, then helping with the mailing and as I became more active, and Jack Fouquette was Editor I worked with him getting ads and assisting with coordination and the mailing. That is also the time when I began writing this article, "A Byte of My Apple." Then Mary Hancock took the Editor's job and I worked with her until Jim Thompson took it over. After Jim was Robert Swierski then of course, more recently, George Anderson. Dave Munter, Ron LaMee and, Joe Tvedt were among the very first Editors, but that was before my time.

My goal is to make The Journal even better than it has been if that is possible. I will strive to improve every issue I am involved in, but I want to hear from you. If you see something that you do not agree with, or if you have a better idea. Even if you like what you see, I could use the encouragement <smile>. I would like to hear from you. I would especially like to hear from those of you with a lot of expertise and sensitivities in the written arts, as it pertains to grammar spelling, and layout. We would VERY much like to have your input. Don't just complain to a neighbor, "..that the person doing the writing does not even know proper grammar or how to use commas or semi-colons, etc.."... please give us the benefit of your expertise by working with us.

AzApple has some very talented members The Journal is an excellent place to expose them and I look forward to assisting this exploitation.

I would like to see a strong Special Interest Group form around The Journal again. There are some interested talented people already. Dianne Kinsman, Ric Bowers, Craig White, Wayne Wilcoxon, Jack Fouquette, John Bohn and Dennis Smith are a few that are already involved and there are many others in the side lines! I know I missed someone — speak up! Do you want to take part in the fun of it? Call me or work with us on the AzApple Tree BBS.

Impressions of programs I've used recently

On Cue is a program a Mac owner can not be without. This one will keep you from having to open windows to run an application with a couple of clicks of the mouse, you can turn on its automatic finder, and when you open the next application, you are watched. Then the next time that application is run, a simple click of the mouse with the cursor in one of the upper corners of the screen opens opens a window showing the applications that have been set up in On Cue. Put the cursor on one of them and release the mouse button to run the application.

Stepping out II is a have to have. If you do any type of page layout work. The great thing about Stepping Out is, when you move the cursor to the edge of the screen, the screen follows the cursor so that the effect is like the page is auto-scrolling eliminating the need for using the elevator bars. The page can be whatever size is needed, even full newspaper-like tabloid. This may be what you need for your spreadsheet work. Stepping Out is a commercial application that sells for less than $100.

Remember is a keeper and its public domain. This little desk accessory comes up whenever the computer is restarted and shows a list of events that the user has scheduled. It has a functional calendar which will show any month in any year and events can be scheduled to show your personal calendar for seven or thirty days. This one is a have to have.

Red Ryder / Microphone II
Red Ryder is a so-so telecom program one that has not kept up with improvements in the market. I hear rumors that a new version is on the horizon - its about time. Here is a program that is relatively cheap, and crude by normal Macintosh standards, but it has been able to dominate the market because there has not been any competition. It will do most of the things that need to be done in telecommunications, but I still use ProTERM on an Apple // GS product when I want to do serious telecommunicat-ing. Someday, the competition will fix this problem, but for now, Red Ryder is the popular choice in Mac Telecommunications. Actually, a better program is Microphone II, but it is about 3 times the price and it biggest drawback is that when you type, you do not see the character on the screen until the key is released. This may sound trivial, but if are a touch typist and watch the screen when you type, you get so mixed up it will drive you crazy. What can really show the problem is if you hold down one key for any length of time, when you finally release the key, a whole string of characters will then appear. Likewise, if you were to hold down the Delete key, when you released it, you would note that many characters would missing from the line. How many depends on what speed you have the keyboard in the Control Panel set for and the duration of the key press. In my opinion this 'feature ' is enough to keep Microphone from being used.

Navigator
If you want be proficient on CompuServe with a Mac, Navigator is the hot one. This program allows you to set up all of the areas and functions want to visit while off line, and then when you make the call, Navigator sends/receives mail, checks all the areas you need information or files from, logs off and then you are allowed to read, answer, save, send, reply etc., etc.. Don't buy it right now however, a new version coming out "real soon now". You may get stuck with an upgrade fee. Navigator is a commercial application selling for under $100.

Boomerang is a hot one. The is a freeware which allows you to see that last file(s), folders or disk you just saved or loaded. Its a time saver and one that once used, you will rely on.

Super Clock, available in the public domain library and on the BBSs, just gets better. With all of the things you could do with it before, now, if set to do so, even chimes on the hour. and not only once, but will chime the number of the hour, just like big Ben, or is that Big Mac - uhmm no, I don't think so.

XTreeMac a new commercial application, is really great utility, especially if you like to see things in logical order and in tree-like or pathname sequence. This is one that I will be doing a review on and would have had it in this issue if I had not have gone through all the personal changes that I have this last month. I will try my best to get to it in the next issue of the AzApple Journal.

Til next month TaCair jc...

HOT NEWS

MOVED OVER BUSINESS WIRE AT 8:18 AM, EDT, WEDNESDAY, SEPTEMBER 20, 1989

New Macintosh

Contact:Cindy McCaffrey(408) 974-1578orJohn Cook(408) 974-3145

UNIVERSAL CITY, California—September 20, 1989—Apple Computer,Inc. today added portability and even more power to its Macintosh product family by announcing the Macintosh Portable and the Macintosh IIci. The Macintosh Portable is a full-function Macintosh in a portable design. The Macintosh IIci is a high-performance version of Apple's popular Macintosh IIcx. Runningat 25 MHz and offering new capabilities such as built-in video, the Macintosh IIci is the most powerful Macintosh that Apple has ever developed. "With this announcement, Macintosh becomes the only comprehensive product family in the industry to offer users consistent personal computing," said Jean-Louis Gassée, president of Apple Products. "This means all Macintosh customers have a sweeping range of hardware and application choices—and they're all based on a single, unified software architecture. Perhaps most important, it means that more and more people can find a Macintosh to fit their individual needs."

Macintosh Portable

The Portable incorporates all traditional Macintosh benefits into a system that customers can take with them. Notably, the Portable features advanced screen technology, sophisticated power management, all-in-one design, and complete Macintosh compatibility." When we started developing the Macintosh Portable, we set two design challenges: First, it had to be a completeMacintosh; Second, it had to be truly portable." saidGassée. "This meant no compromises. And it required integrating innovative display and power technologies. Our new Portable meets those design criteria: it's aMacintosh through and through. Now our customers can have Macintosh personal computing anywhere."

Apple Unveils Two New Macintosh Computers: Macintosh Portable

Advanced screen technology

The Portable uses state-of-the-art Active Matrix Liquid Crystal Display technology to achieve the superior graphic capabilities of the Macintosh. This technology enables the Portable to depict the Macintosh graphical user interface, as well as sophisticated graphics, text,and animation with a fast response time, high contrast, and wide viewing angle. The Portable's display size is 640-by-400 pixels, which is 50 percent larger than a Macintosh SE screen and as wide as a letter-size page.The system also features a video output port. This port can be used with an adapter to drive external monitors, projection video systems or overhead view plates.

Portability

Macintosh portability is achieved through sophisticated-power management circuitry and an all-in-one design. The system's power management components include:

- Motorola CMOS 68000: Apple chose the CMOS (complementary metal oxide silicon) 68000 microprocessor from the same Motorola family of microprocessors as those found in all Macintosh personal computers. The CMOS 68000 requires 80 percent less power than standard technology chips. It runs at 16 MHz, providing roughly twice the performance ofthe Macintosh SE.

- Low-power-consumption RAM: The Macintosh Portable contains1MB of static RAM, which consumes less power than standard dynamic RAM (DRAM). It allows users to work for long periods between battery charges and retains the contents of memory when the system is in sleep mode.

- Lead acid batteries: The Portable uses lead acidbatteries, which last from 6 to 12 hours (depending on usageand configuration) and can be recharged to full capacity atany time. The voltage of a lead acid battery diminishesgradually as power is used, enabling the computer to provideusers with information about the power level. A battery DeskAccessory shows a meter that indicates the charge level leftin the battery, much like a fuel gauge. Messages alert userswhen power is running low.

- Separate power management microprocessor: This dedicated microprocessor monitors the activity of each component ofthe Portable. The Power Manager optimizes power allocation and automatically puts the system into a standby "rest" mode or into a "sleep" mode if the system has been inactive for a preset period as specified by the user. During the rest mode the system operating speed decreases from 16 MHz to 1 MHz. In the sleep mode the power to most components is turned off. Memory contents are retained in both rest and sleep modes. The Portable's Instant-On feature allows customers to wakeup the system by simply pressing any key on the keyboard.

The following features comprise the system's all-in-one design:

- Integrated pointing devices: The system's integrated trackball and full-size keyboard make it easier for customers to set-up, pack-up, configure and use. The system's trackball can be positioned for left- or right-handed users. It can alsobe replaced by a numeric keypad. The Portable can also be used with a low-power mouse that is included with the system.
- Rugged design: The Macintosh Portable is constructed to withstand the bumps and bangs of everyday use. It is madeof rugged polycarbonate plastic, a material also used inmotorcycle helmets. SuperDrive floppy disk drive and the optional 40MB hard disk are specially designed to ensure durability.

- System expansion: The Portable has expansion connectors for additional RAM and ROM. It also has a connector for an internal modem. Apple today also introduced the Macintosh-Portable Data Modem 2400, a 2400-baud internal modem that facilitates communication with other personal computers, minicomputers and mainframes, while maintaining low-power consumption. The Portable's Processor Direct Slot (PDS) is a high-performance slot connected to the microprocessor bus that will support an expansion card. It allows third-party developers to create add-on products to extend the capabilities of the Portable.

It's a Macintosh

The new Portable achieves compatibility with Macintosh hardware and software by integrating the following features:

- Macintosh software compatibility: The Portable works with the same thousands of powerful, easy-to-learn software products that have been written for all other Macintoshcomputers. The Portable uses Macintosh system software version 6.0.4. This is a hardware-support upgrade and iscompatible with previous releases of Macintosh system software.

- Optional 40MB hard disk: This special low-power internal hard disk is factory-installed with System 6.0.4 and HyperCard1.2.5, further simplifying setup for the user.

- SuperDrive: The Portable includes the 1.4MB SuperDrive, which provides 75 percent more storage capacity than 800K drives, and reads, writes, and formats Macintosh, OS/2,MS-DOS, and ProDOS disks.

- Standard Macintosh ports: Seven external ports accommodate peripherals such as hard disks, printers and input devices. The Portable's serial ports provide LocalTalk support, which allows the Portable to connect to a LocalTalk network and take advantage of AppleTalkNetwork services such as AppleShare servers, LaserWriter printers and other devices.

- Apple Stereo Sound capability: The Portable featuresthe same high-quality digital sound capabilities as foundin the Macintosh modular line and in the SE/30.

The Macintosh Portable comes standard with 1MB of RAM and SuperDrive and weighs 15.7 pounds with the battery and optional 40MB hard disk. Without the hard disk, the Portable weighs 13.7 pounds. It also features an optional mouse, handy pocket reference guide and durable carrying case.

Related products Apple is also offering several other related products and accessories for the Portable, including the Macintosh Portable Data Modem 2400, Rechargeable Battery, Battery Charger, Numeric Keypad Module, and 1MB

Macintosh Plus

The Macintosh Plus personal computer gives you the most important benefits of the Macintosh family-power, versatility, and ease of use - in an affordable entry level system. Macintosh Plus runs most of the programs written for the Macintosh family.

The diiferent lies in the style. **Macintosh Plus** does not have internal cooling fan as is installed in the Macintosh SE FDHD and Macintosh SE/30. In addition, it comes with an older style and design non-ADB keyboard and non-ADB mouse.While most other computers in the Macintosh family, use 1.4 Meg FDHD superdrives, Macinosh Plus still comes with older style 800K built-in drive. **Macintosh Plus** is the only currently available model that does not have a provision for an internal hard drive. Unlike Mac SE, Mac Plus does not have an expansion slot.

With 1 Meg of RAM, Macintosh Plus is still the most economical system in the Macintosh family.

Macintosh Plus Computer (includes keyboard, mouse, system software, Hypercard) ----------$1249
Macintosh Plus Computer and **40 Meg External SCSI Hard Drive** ----------$1699
Macintosh Plus Computer and **62 Meg External SCSI Hard Drive** ----------$1799
Macintosh Plus Computer and **80 Meg External SCSI Hard Drive** ----------$1999
System Saver for Mac Plus ----------$65

Upgrades (Memory)

Memory Upgrade for Mac Plus upto 2.5 Meg $299, upto 4 Meg $549

Add 6.7% Sales Tax. All prices subject to change without notice.

COMPUTERS PLUS COMPANY

2303 North 44th Street #2

(North East corner of 44th St. & Oak St.)

Phoenix AZ 85008

Phone: 602-955-1404

Authorized Dealer

September 21, 1989

Original created on the Mac II using a Laserwriter IINT X. Pictures scanned on Apple Scanner. Apple and the Apple logo are registered trademarks of Apple Computer, Inc

Memory Expansion Kit. Also-available from Apple are the Macintosh Portable Internal SuperDrive and Internal 40SC Hard Disk. Apple plans to announce the availability of the Macintosh Portable Video Adapter at a later date. Apple expects the Portable to appeal to a broad rangeof customers across all application areas.

Macintosh IIci

The new Macintosh IIci is the highest performance personal computer that Apple has ever shipped. It delivers up to a 55 percent performance increase, when compared to the Macintosh IIcx and IIx. Additionally, it offers new capabilities—such as built-in video—and incorporates thesame flexible design and hardware features as the popular Macintosh IIcx." We define performance in human terms," said Gassée. "A truly powerful system is responsive, makes people better at what they do and is enduring. As the Macintosh IIci demonstrates, real performance doesn't come from just raw processing power. It comes from the balanced integration of hardware, peripherals, system software and the human interface. "

Performance

The Macintosh IIci computer's higher performance derives from a balanced system design, which features a fastermicroprocessor and performance enhancements that optimize the microprocessor's capabilities. The combination of these features enables the entire range of Macintosh applicationsto calculate, reformat, enlarge, scan, search, resize, scroll,redraw and paint faster than any Macintosh has ever been able to do before. Additionally, the system features a connector for a cache card, which can further boost the overall through put of the system.

- Faster clock speed: Motorola 25 MHz 68030 and 68882. The combination of the 68030 microprocessor and the 68882 floating-point coprocessor running at 25 MHz represents themost significant new feature of the Macintosh IIci. (The-Macintosh IIcx and IIx run at 16 MHz.)

- Burst-mode RAM access: The burst-mode RAM accesscapability of the 68030 allows the microprocessor to read blocks of memory more efficiently than in previous architectures. As a result, the system requires fewer clock cycles to process groups of instructions, further accelerating the system's performance.

- Faster DRAM: The system uses 80 nanosecond DRAM to match the increase in the microprocessor's clock speed and burst-mode RAM access. Additionally, the ROM codetakes full advantage of the 68030's 256-byte instruction cache.

- RAM cache connector: The system's built-in cache connector provides users with the ability to install a cache card that can increase performance by storing the most-recently accessed data and instructions in a small bank of high-speed memory. The microprocessor can read data and instructions from the cache in fewer clock cycles than it can read from main memory. A cache card can improve the performance of a system by up to an additional 30 percent (for a 75 percent overall increase) in performance, dependingon the configuration and usage. Apple plans to announce a RAM cache card in early 1990.

Built-in video

The Macintosh IIci computer's built-in video capability lets users connect a monitor to the system without using avideo card. The built-in video drives a 640-by-480-pixel screen, such as the Apple Color High-Resolution RGB Monitor or Apple High-Resolution Monochrome Monitor, at up to 256 colors or gray levels, or a 640-by-870-pixel screen, such as Apple's Portrait Display, at up to 16 gray levels. Built-in video for the Macintosh IIci is self-configuring. Users simply plug in a video cable to the video port. Built-in video also increases the expansion capabilities of the system by freeing up a NuBus slot.

Additional Features

- 512K of ROM: The Macintosh IIci features 512K of ROM, which provides support for the new hardware features (built-in video, burst-mode RAM access, optional cache) in the Macintosh IIci, and for 32-bit addressing. When used with System 7, Apple's next major release of Macintosh system software, the Macintosh IIci will be able to address up to 4 gigabytes (4 billion bytes) of memory. The ROM also includes support for 32-Bit QuickDraw, enabling color systems to display up to 16 million colors simultaneously with the appropriate graphics card support.

- IIcx design: The Macintosh IIci shares the same flexible design as the Macintosh IIcx. It has a small footprint, can be set vertically or horizontally and it is designed for easy service ability. It also has the auto-restart and low noise features of the IIcx.

The hardware features that the Macintosh IIci shares with the IIcx include three NuBus slots, 1MB to 8MB (up to 32MB with future memory chips), Apple Stereo Sound capabilities, the internal SuperDrive and an internal 3.5-inch hard disk. As with all other 68030-based systems, the microprocessor's built-in Paged Memory Management Unit (PMMU) can be used with A/UX, Apple's UNIX system and with future versions of the Macintosh operating system.

- Expansion capabilities: The system also features the same set of external ports as the IIcx, and includes a video connector to support the built-in video. Additionally, by using the Macintosh IIci computer's built-in video capability customers have all three slots available for other cards.

Price and availability

The Macintosh Portable and Macintosh IIci areavailable immediately through all authorized Applecertified dealers and VARs.

Suggested retail prices for the Macintosh Portableand peripherals:

Macintosh Portable w/1MB RAM/SuperDrive $5,799
Macintosh Portable
w/1MB RAM/40MB Hard Disk/SuperDrive $6,499
Macintosh Portable Data Modem 2400 $449
Macintosh Portable 1MB Memory Expansion Kit $649
Macintosh Portable Rechargeable Battery $49
Macintosh Portable Battery Recharger $129
Macintosh Portable Numeric Keypad Module $69
Macintosh Portable SuperDrive Upgrade $499
Macintosh Portable Internal 40SC Hard Disk $1,199

Suggested retails prices for typical Macintosh IIciconfigurations:

Macintosh IIci w/1MB RAM/SuperDrive $6,269
Macintosh IIci w/1MB RAM/40MB Hard Disk $6,969
Macintosh IIci w/4MB RAM/80MB Hard Disk $8,669
Macintosh IIci w/4MB RAM/80MB Hard Disk (A/UX installed) $9,152
Macintosh IIci Logic Board Upgrade Kit $2,399
DRAM upgrade kits1MB: $499; 4MB: $1,999

Keyboards for the Macintosh IIci and all otherperipherals are sold separately.

Upgrades

Macintosh IIcx customers can upgrade their systems with a Macintosh IIci Logic Board Upgrade Kit that consists of the logic board, as well as a bottom case to accommodate the video connector. The Logic Board Upgrade Kit is scheduled for release later this year. Macintosh IIci-specific DRAM kits in 1MB and 4MB configurations are available immediately for IIci customers who want to upgrade their systems.

-30-

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END

Computer Cable Specialists
2432 E Indian School Rd • Phoenix, AZ 85016
Interface Cable assemblies for most computers & peripheral manufacturers
Cable Installation ¥ Custom Cables
Fiber Optics
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Mac SE FDHD and Mac SE/30

New Mac SE FDHD offers you **1.4 Meg 3.5" drive** which can **read and write** to:

800K Apple ProDos
1.4 Meg OS/2 format
720K MS DOS format
400/800K Mac format

We think Macintosh SE FDHD with 68000 microprocessor is the most cost effective computer in terms of what you get per dollar you spend, whether you use it for school or college homework, word-processing, spreadsheet, or desk-top publishing.

Mac SE FDHD with 1 Meg RAM, 40 Meg hard drive, standard keyboard...$2499
Mac SE FDHD with 1 Meg RAM, 100 Meg hard drive, standard keyboard.$2799

Mac SE/30 with 68030 microprocessor and 68882 co-processor provides speed for applications requiring additional power.

Mac SE/30 with 2 Meg RAM, 40 Meg hard drive, standard keyboard.....$3599
Mac SE/30 with 2 Meg RAM, 100 Meg hard drive, standard keyboard.....$3999

Upgrades (Memory & Hard Drive installation):

Memory Upgrade for Mac SE or Mac SE FDHD upto 2.5 Meg $299, upto 4 Meg $549
Memory Upgrade for Mac SE/30 upto 4 Meg.....$549, upto 8 Meg.....$1049
Hard Drive installed in your Mac SE: 40 Meg $399, 100Meg $799

Add 6.7% Sales Tax to all prices. All prices subject to change without notice.

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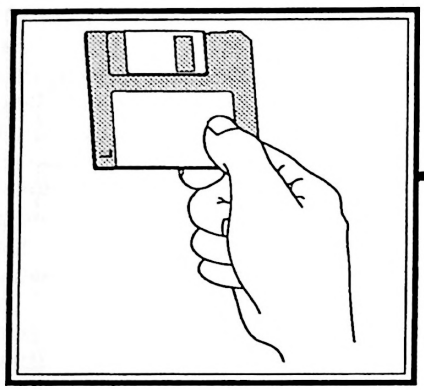


MacView

Dennis Smith

This is a new series in AzApple which will focus on reviewing software programs for the Macintosh.

MORE II™

Is Not Necessarily Better

As Macintosh software approaches its third generation, some common problems with software are surfacing. Aside from more frequent crashes due to unexpected interactions of various products, some programs are adding features, functions, and flexibility to the point which causes the software to cease being useful.

This has been called "The Technology Trap". The trap is that sometimes engineers in their pursuit of technology will invent features and complexity that are of little or no value to a user, or worse yet may compromise the basic purpose of the product so much that the enhanced product will be of less value than the version that it was to replace. I have seen companies spend millions trying to replace an old product developed in the 1940s only to see all of their hi-tech attempts fall to the side while the original product continued to sell.

Perhaps this is why Lotus now has two versions of Lotus 1-2-3 for the PC. Lotus has kept the old version around for those persons who only need that level of function and launched a new high end feature-laden version for those brave souls who quest for more power.

Another term I have used for this is creeping elegance. More features and more elegance does not necessarily mean a more useful product for the customer.

As a real life example, Living Videotext Inc's (LVT) product More™ has recently gone through a major upgrade that I believe is all too good an example of creeping elegance.

When I first used More years ago, I was delighted. Not only did it allow writing based on an outline, it would quickly and easily make reasonable looking charts for viewgraph presentations. This flexibility of combining a few thoughts into a presentation was unheard of in any PC and quickly brought many copies of this program into use.

As I used More for writing technical documents, a few shortcomings arose; the need for page break control and a spelling checker. The latter was quickly provided by a third party, but LVT said that we would have to wait for page control.

I still used LVT for writing, but soon after the first draft was written, the file would be transferred into Microsoft Word for layout and finalization. After this work was done, (and it was a chore) the More version was sent to bit heaven, never to be used again. The process of converting from More to Word was simply too cumbersome and time consuming to repeat.

The changes that were made in Word were too difficult to move back to More*.

For quick presentations I continued to use More, but if fancy colors or graphics are needed, I used the art department and outside graphics houses.

Along Comes More™ II

I have used More and been a proponent of it for a long time and had looked forward to More* II. Many copies of More* have been purchased on my recommendation. I have spent (too much) time on Compuserve working on problems and features with LVT. When I received the upgrade notice, my VISA was in the mail the same day.

I was awe struck when I opened the package and saw features that I hadn't expected. I booted it without cracking the manual (just as I do with all software) and found that I couldn't make up a simple presentation in five minutes. Oops. So I opened the manuals. I hate manuals and most products that require me to read them. Good software should install itself and be obvious enough about the operation that my thoughts can quickly flow from brain to paper. About 45 minutes into my 5 minutes of preparation of five slides, I gave up and dashed it out using Microsoft Word. I wondered, could we have a real live example of creeping elegance?

that my favorite program was gone. The first manifestations were too much format control, too many formatting options, and a myriad of tiny funny symbols on the screen that were the basis for the program's operation.

Presentations - Too extensive to learn

I concluded that the presentation features were too extensive for me to take the time to learn. Even though there are many saved formats and templates, a load of stylesheet options, and every control imaginable, finding the right controls was too much trouble. I finally found a simple presentation format but couldn't master the formatting needed to do the footers and to make the first page specials.

I am sure that using the manuals, which seem comprehensive, I could figure these things out (I have figured out enough programs and assembly code in my time) but I decided that it was not worth it. Perhaps it would be worthwhile to a full time presentation preparation staff, but that is not what I do for a living.

Writing - Unacceptable Performance

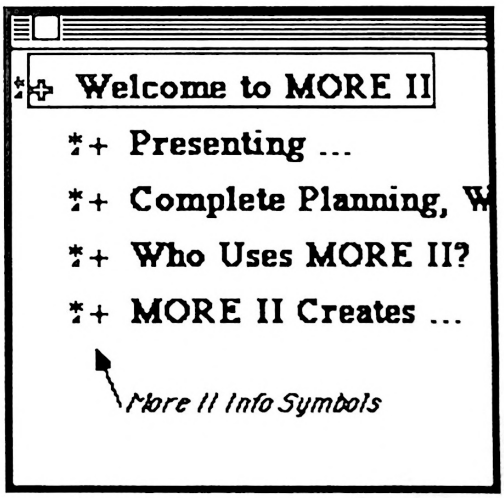
A few days later I had to rework a 25 page heavily formatted specification that had been originally written in More* and then transferred to Microsoft Word for final formatting and cleanup. I had read that More* II could read a Word file including the outline formatting! This is incredible, and for the major rework that I needed on the document the ease of rearrangement using More was a great way to make the changes in record time. After consulting the manuals, it took almost 30 minutes of CPU time to import the Word document. I generally assume that anything that takes over 5 minutes is a crash, but I went to lunch and when I came back to my office with a sandwich, the program was still converting and then finally finished.

OK, so converting takes a long time. The entire document was condensed into the top level outline so I selected and told the program to completely expand the document and sat back... for over 25 minutes. Yes it took almost 25 minutes to expand. I thought this was a fluke, so I saved and closed the document, reopened it and re-expanded. Almost 25 minutes again. At this point I closed the More file forever and returned to Word to do the editing.

While not all functions in More* II are this slow, it is noticeably slow in many areas.

What is More II trying to be?

I believe that LVT is confused as to whether More is a writing tool or a presentation tool. Software should only do one thing at a time. "Works" type programs segment functions into different modules. Could you imagine an integrated word processor and spreadsheet that used a single screen presentation for both? I believe that although More* does provide different views for outlining and presentation, this over-integration is analogous to what More does for presentations and writing by integrating two modules too closely in one program.



More II is too complex to be a writer's tool. All of the options and settings and icons on the screen preclude the transparency that a writer needs. I believe that most authors wouldn't want to be bothered with the complex formatting.

Most presentation makers wouldn't want to be bothered with outlining. Outlining makes More II too feature laden to be a presentation tool for casual users to make presentations.

Most Mac users are casual users. I've seen high level engineers frustrated by More features, let alone More II's complexity.

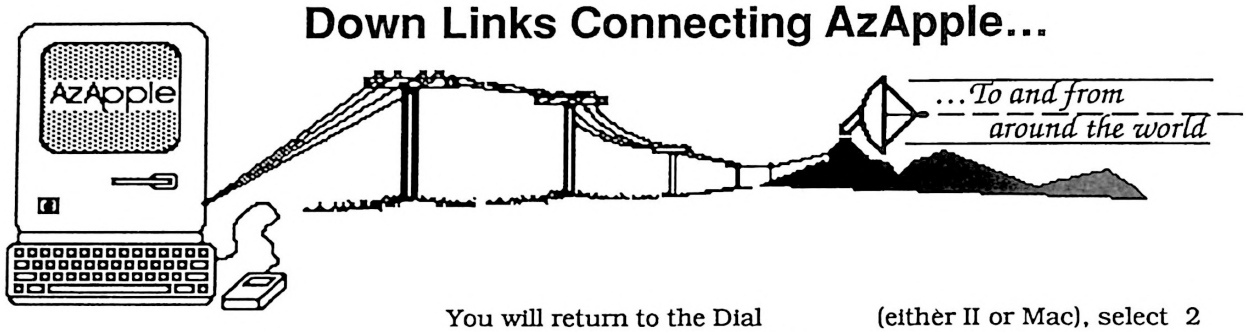
What LVT has done with More is too bad. I packed up my copy of More II, removed it from my hard disk and reinstalled my old version of More.

It is difficult to be a leader, and More was clearly a leader. But the quest for presentation preparation and desktop publishing confused their mission. A confused mission can be a

fatal flaw for any product. It is an often fatal error to lose track of a mission, direction, or essence of the product. I expect that at LVT they had days of long discussions about whether More was a writing or presentation tool, unfortunately the product looks like they never decided.

Enjoy
-d-

Down Links Connecting AzApple...



ACCESS THE ASU LIBRARY WITH YOUR APPLE

by Jack Fouquette

Would you like to browse the general catalog of the ASU Library, to find out what books are available on the subject of 'Computer Programming,' or any other subject; or maybe check on the holdings on the works of William Shakespeare. Or maybe you (or your school-age child) may need to reference an encyclopaedia to gather material for a report. Are you aware that you may do these things without having to visit the campus? If you have a modem hooked to your Apple, you can dial up the library and have several databases of information at your fingertips.

You can use most any communications software, but I will assume you have ProTERM. Press D(ial) from the main menu and select "Enter New System". Enter a name such as ASU Library. For Phone, use 965-7001 (or 002, 3, 4, or 5) for the Tempe campus; if you are on the west side, avoid toll charges by using either 931-5011 or -0808. For baud rate, use 2400 if you have it, or 300 or 1200 are also supported. You can use about 30 sec for delay.

You will return to the Dial menu, with the cursor on the new ASU Library system name. Press Return and you will go to the dialup menu for that system. Probably you will not need to edit it, but check that Format is 8N1 (recently changed from 7E1) and duplex is FULL. Use the LEARN setting for Macros if you want to use the same sign on sequence automatically next time, but you do not need any account number or password.

A major on-line dictionary is expected to be added to the databases soon, along with a statistical database comparing the local area with others in various business parameters.

Select DIAL <return>. When you are connected you need to press Return several times (at the rate of about 3 presses per second), depending on your baud rate. For 2400, press Rtn 4 times; for 1200, 5 times; for 300, 8 times.

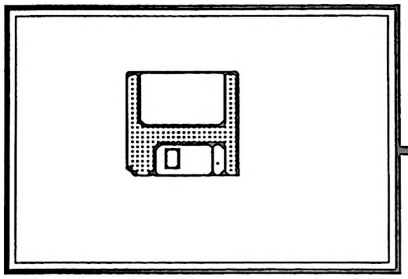
When prompted for "DESTINATION:", type LIBRARY .

Some unimportant information is displayed, then a list of terminal types. For Apple (either II or Mac), select 2 (Apple, IBM).

You will be presented with a choice of 17 databases which are available to you. For most of us, #1 General Catalog, or #3 Encyclopaedia, will be most useful, but there are also other references in Career Services, Journals, Maps, etc., some of which may be of more interest to some than others.
Select the database by number and you will be guided by sets of instructions which are similar for all the databases. They allow you to search for word(s), name(s) or topics (browsing). After a few trys you will be an expert. It is a bit redundant in relisting all the instructions, but that is part of making it simple and easy to use. You do not have a time limit overall, but if you sit without pressing a key for a minute or so, it will warn you and then hang up on you if you do not respond.

It is not necessary to exit gracefully, as most of us are used to on a typical BBS. You can type //EXIT at most any prompt and the system will disconnect. Or you can simply hangup (Open-Apple H). You may then save the session by Put Scrollback to a disk (or you may have been capturing it as you went, whichever is most appropriate for you).

Jack



Library Additions

By Wayne Wilcoxon

What's New To The Library?!

Since the first of June, 11 disks have been added to the GS section of the Apple II library. The changes include removal and replacement of some disks, along with additions of public domain and shareware programs. A number of the disks are self booting, while others are data disks that require commercial programs such as Print Shop, Mean 18, Music Studio, Music Construction Set, or Diversi-Tune to be of use. A complete description can be found on the latest "Library Catalog" disk, which you can receive free, in exchange for your outdated disk. The latest revision date on the "Library Catalog" disk is August 9, 1989. *NOTE: this date does not yet include disks # 23 & 24 as far as I know.

A brief description follows for each disk:

Disk 3.5.23
Replacement for:
System Disk 4.0

For those people who enjoy singing along with their computer, this is a great way to go. This disk contains 50 songs that can be used with the commercially sold program Diversi-Tune. A few of the songs on this disk have the words, for those who require them, along with the bouncing ball to help match the words with the music.

Disk 3.5.24
Replacement for:
System Tools Ver. 4.0

Contains six golf courses that can be used with the program Mean 18, those included on this disk are named: Beach Head III, NAS Jacksonville, Ottawa Canada, Restless Coves, Summerdale and Wilderness-I. You can play these just as they are or change them any way you want with Mean 18's course architect feature.

Disk 3.5.25
Contains a paint program called CheapPaint and three fun games, the games included are, Yahtzee, Bounce-It and F1-Race

Disk 3.5.26
Contains a mixture of programs, from a text adventure called World to a kaleidoscope program called Shkalid, also included is a game of Backgammon, Blackjack, Concentration and a French game called Color Mind.

Disk 3.5.27
Contains five games, included are, Solitaire, Poker, Pyramid, Submarine and Plasmalife.

Disk 3.5.28
Contains one game called "As The Link Turns", it is an arcade type game for those of you who enjoy shooting at moving targets.

Disk 3.5.29
Is a combination of games and hard disk utilities and everyday utilities. The games are, Othello, Monopoly and Maze Creator. The hard disk utilities are, DiskTimer GS, SCSI Hacker and HDFormat. The everyday utilities are, Shrink-It and Vaccine.

Disk 3.5.30
Is a disk for use with the program Print Shop GS, it contains 45 graphics, 17 full color borders and 30 new fonts.

Disk 3.5.31
Can be used by people who already have the programs, Music Studio and/or Music Construction Set. This disk contains nearly 100 songs for your enjoyment.

Disk 3.5.32
This is the latest System Disk from Apple, it is GS/OS version 5.0 and should only be used with AzApple disk 3.5.33 "System Tools".

Disk 3.5.33
This is the latest System Tools Disk from Apple, it contains the installer program for updating the latest improvements. This disk should only be used with AzApple disk 3.5.32 "System Disk" GS/OS ver. 5.0.

Wayne

October Meeting = Take It OFF!!

The October meeting will be a full day of entertainment. The General meeting will include a short session of voting and then we will begin a presentation called "Take It Off!" This presentation is a 'strip session', taking computers apart to show you how to install RAM or do minor repair in an Apple //e, Apple //gs, Macintosh Plus or Macintosh SE and even an Imagewriter II. See how to tune up a disk drive, clean it check the speed, and make sure all the cables are installed correctly. In fact, those of you who have Apple Disk][drives can bring yours in for a quick free clinic. If you want to install RAM in your Mac, this is the time, the price is very low now. If you need a source of RAM, call the InfoLine, 277-8511, leave a message, and we will get back to you.

Class Schedule

8:00 /9:30AM	
DESKTOP PUBLISHING: The AzApple Journal Committee	Lecture Hall (backstage)
SEEDLINGS Meeting: Rad happenings for hi-tech guys & gals	2205
MACINTOSH NEW USERS: Put your Mac on the right track	2235
Apple][GENERAL UTILITIES: Learn the techniques of the expert	2234
APPLEWORKS: How to use Classic versions 2 & 3	2224
APPLE][GS Roundtable: Discussions of general interest	2237
9:00 AM	
LIBRARIES OPEN: Apple][& Macintosh	Lecture Hall
10:00 AM /Noon	
GENERAL MEETING: Computer Mini-Clinic - Come get educated	Lecture Hall
Noon/1:00PM	
MUSIC SIG: Tune into this one	Lecture Hall
12:30/1:00 PM	
AZAPPLE BOOT CAMP: March right in and learn our drill	2237
1:00 /2:30 PM	
Apple //e-//c NEW USERS CLASS: Learn to do it right	2205
Macintosh HYPERCARD Class: We'll stack this one against anybody's	2235
APPLEWORKS GS Class: Spread your time on this layout	2234
ADVANCED][GS USERS Class: Programmers byte here first	2237
TELECOMMUNICATIONS Class: This class is the talk of the town	2224
2:30/4:00PM	
Apple][GS NEW USERS Class: Mousing around with the BASICs	2224
APPLEWORKS in BUSINESS Course: Payroll made easy	2205
MACINTOSH UTILITIES: All the tricks of the trade	2235
Apple][DESKTOP PUBLISHING Class: Here's the high-tech scoop	2234
GENEOLOGY SIG: Get to the root of it all	2237

Bob Smith

November Meeting - Mike Hicks from Claris present AppleWorks 3.0 in the morning session and FileMaker II in the afternoon session.
December Meeting - Margo Demas From TimeWorks presents Publish It II in the morning session and Publish It - Mac in the afternoon session.

Family Membership Application, Renewal Form & Information Update

Please fill In ALL catagories

Please Return this completed Form with your check made payable to:

The Arizona Apple User Group • PO Box 34056 • Phoenix, AZ 85067-4056

Info Change Only ____ New $35 ____ Renew $30 ____ Cash ☐ Check ☐

Name_____ Phone (_____)_____

Address_____ Don't list phone number in member roster -> ☐

City_____ State_____ Zip_____

I am interested in these computers:

☐ Mac SE ☐ Other Mac ☐ Apple //e ☐ Apple II

☐ Mac II ☐ Apple GS ☐ Apple //c ☐ Apple Compat.

Please return this form. Answering these questions helps us to understand your current interests and how we can better assist you in learning more about using your computer.

1 - Y___ N___ Would you assist with the public domain library?

2 - Y___ N___ Would you teach classes? 3- Y___ N___ Would you write for The AzApple Journal?

4 - Do you use your computer; ____ Every day ? ____ A few times each week? ____ Few times a month?

5 - List four favorite programs:

A - _____ C - _____

B - _____ D - _____

6 - How many monthly meetings do you attend in a year: (Circle one) 12 11 10 9 8 7 6 5 4 3 2 1 0

7 - List which classes you attended and which you would like to see in the future. _____

_____

8 - Y___ N___ Do you use your computer for telecommunication ?
If so, which services do you use, and about how many times per month do you call thereservices?

_____ The Arizona Apple Tree _____ AppleLink _____ GEnie

_____ Compuserve _____ The Source _____ Other

9 - On a scale of one to ten, how do you feel about The AzApple Journal (circle a number).

Dislike **1 2 3 4 5 6 7 8 9 10** Like

10 - Y___ N___ Would you be willing to suggest changes so as to make AzApple better for you and your family, and may we call you for council?

11 - **Would you be willing to learn more about your computer by getting involved in group activities, and may we call you about this?**

☐ **Yes!,** I WANT TO LEARN - GET ME INVOLVED!

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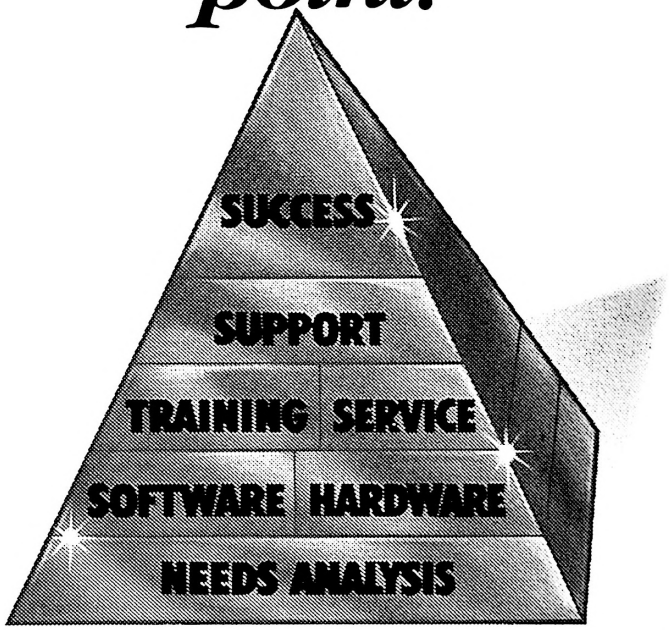
If your computing system doesn't cover every angle,

what's the point?



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